

FIG. 1 (Prior Art)

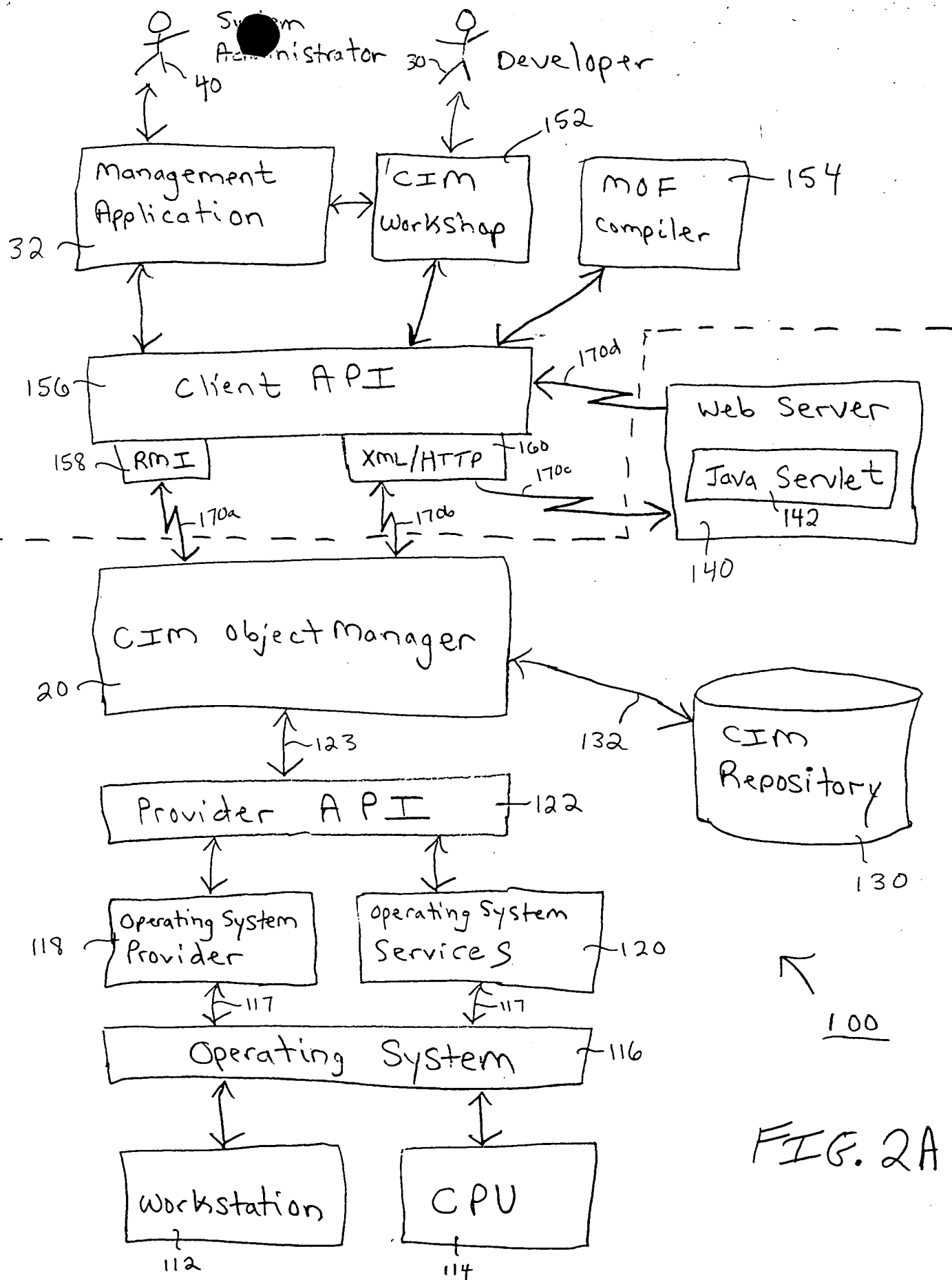


FIG. 2A

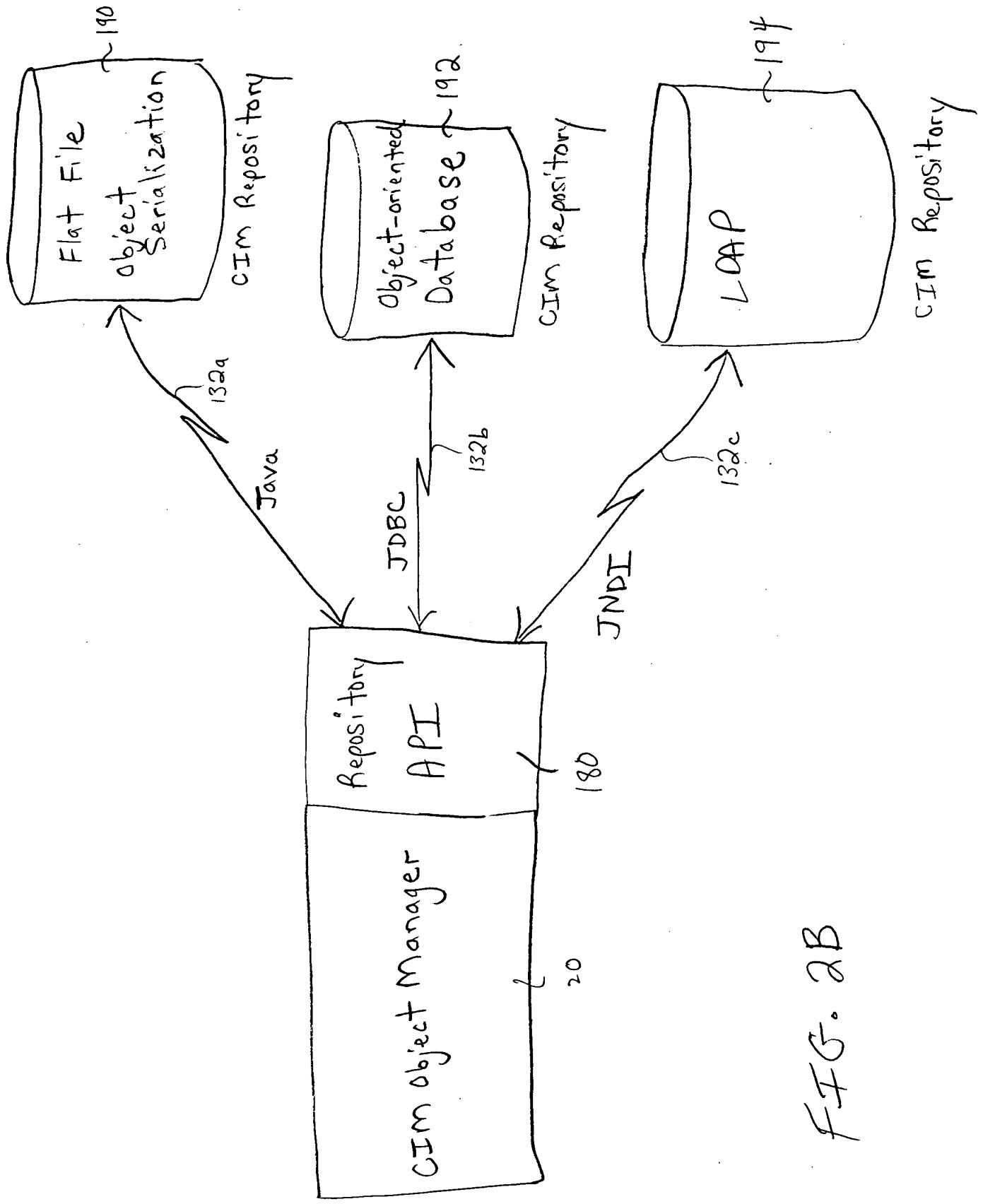


FIG. 2B

BEST AVAILABLE COPY

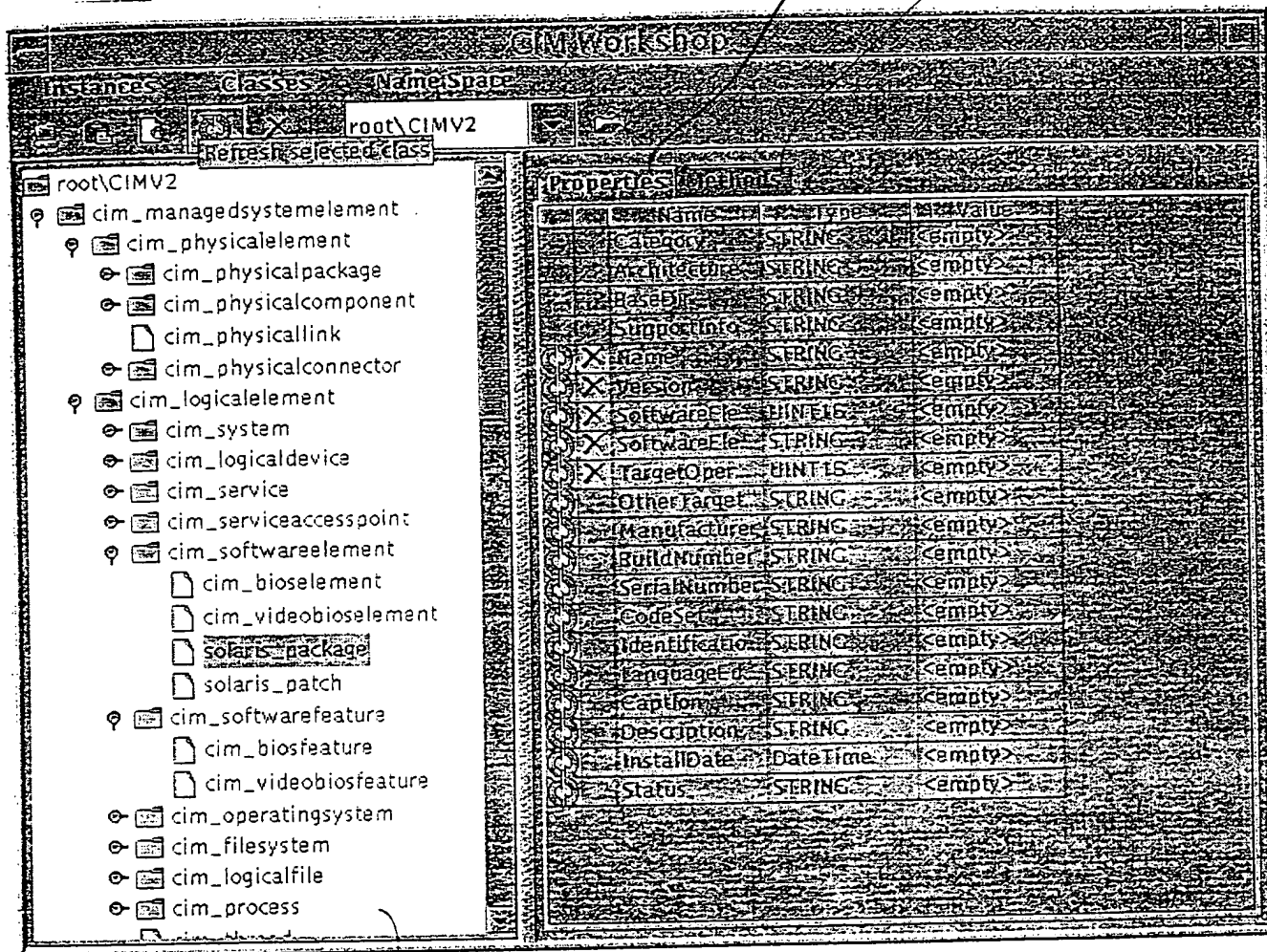


FIG. 3A

200

BEST AVAILABLE COPY

254

256

252

Instances			
Properties			
Name	Type	Value	
X CSCreationClassName	STRING	Solaris Common System	
X CSName	STRING	Solaris	
X CreationClassName	STRING	Solaris Operating System	
X Name	STRING	Solaris	
X OS type	UNICODE	Solaris	
X OtherTypeDescription	STRING	Empty	
X Version	STRING	Empty	
X LastBootTime	DateTime	Empty	
X LocalDateTime	Date Time	Empty	
X CurrentTimezone	STRING	Empty	
X NumberOfProcessors	UINT32	Empty	
X NumberOfUsers	UINT32	Empty	
X NumberOfProcesses	UINT32	Empty	
X MaxNumberOfProcesses	UINT32	Empty	
X TotalSwapSpaceSize	UINT64	Empty	
X TotalVirtualMemorySize	UINT64	Empty	
X FreeVirtualMemory	UINT64	Empty	
X FreePhysicalMemory	UINT64	Empty	
X SizeStoredInPagingFiles	UINT64	Empty	

FIG. 3B

↑

250

Interface Name	CIM Repository API
----------------	--------------------

302

304	306	308
Method Name	Return Value	Parameters
310 → Add CIM Element	void	element, Namespace
•	•	•
•	•	•
•	•	•
•	•	•

Methods Defined for Interface

Interface Definition



300

FIG. 4

class CIM Repository LDAP. 402

Constructor Definition 404

406 Method Name	408 Return Value	410 Parameters	412 Implementation
416→ Add CIM Element	void	elements, namespace	[LDAP-Specific code]
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Implementation of Methods for Interface

Implementation Definition for Interface

400

FIG. 5

Class  
Name

CIMRepositoryJDBC

502

Constructor Definition 504

Method Name	Return Value	Parameters	Implementation
Add CIM Element	void	element, Namespace	[JDBC-specific code]
• • • •	• • • •	• • • •	• • • •

Implementation of Methods for Interface

Implementation Definition  
for Interface

500

FIG. 6



class CIMRepository Factory 602

Method Name 604	Return Value 606	Parameters 608	Implementation 610
Get Repository API 612	CIM Repository API		[code for protocol-specific object creation]
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Factory

600

FIG. 7

FIG. 8

Store/Retrieve Data

